

5 **COMPOSITIONS AND METHODS FOR ENHANCED MUCOSAL DELIVERY
OF Y2 RECEPTOR-BINDING PEPTIDES AND METHODS FOR TREATING AND
PREVENTING OBESITY**

ABSTRACT OF THE INVENTION

10 Pharmaceutical compositions and methods are described comprising at least
one Y2 receptor-binding peptide, such as peptide YY(PYY), Neuropeptide Y (NPY)
or Pancreatic Peptide (PP) and one or more mucosal delivery-enhancing agents for
enhanced nasal mucosal delivery of the peptide YY, for treating a variety of diseases
and conditions in mammalian subjects, including obesity.